

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
10 February 2005 (10.02.2005)

PCT

(10) International Publication Number
WO 2005/012826 A1

(51) International Patent Classification⁷: **F42D 5/045**,
E04H 15/20

(21) International Application Number:
PCT/GB2004/003162

(22) International Filing Date: 20 July 2004 (20.07.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0317253.3 24 July 2003 (24.07.2003) GB

(71) Applicant (for all designated States except US): **CINTEC INTERNATIONAL LIMITED** [GB/GB]; Cintec House, 11 Gold Tops, Newport NP20 4PH (GB).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **JAMES, Peter** [GB/GB]; 2 Redd Landes, Shirenewton, Chepstow, Gwent NP6 6QP (GB).

(74) Agents: **HALSTEAD, Richard, Ralph** et al.; Wynne-Jones Laine & James, Morgan Arcade Chambers, 33 St. Mary Street, Cardiff CF10 1AB (GB).

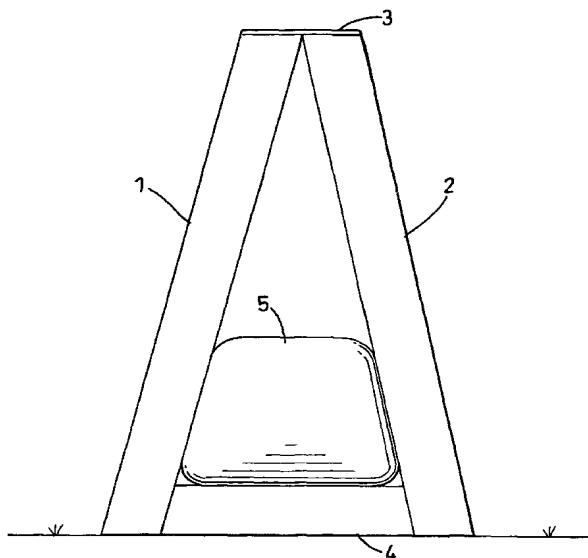
(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:
— with international search report

[Continued on next page]

(54) Title: IMPROVEMENTS IN AND RELATING TO SHOCK SUPPRESSION STRUCTURES



(57) Abstract: Apparatus for suppressing the effects of an explosion or collision, the apparatus comprising or including a pair of inflatable spaced-apart walled containers (1, 2) connected or connectable at respective upper ends to each other by webs (3), and connected or connectable at their respective lower ends to each other by an inflatable base (4), and inflatable support cushion means (5) disposed between the walled containers to at least partially support the walls thereof against collapse when such are filled with water.

WO 2005/012826 A1



— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.